

USHIK

Quick-Start Guide Research Section

How do I . . .

Find data elements:

1. To find a **data element** where you know the whole name (or at least the first part):

From any page, type the first part of the name into the “Quick Search” box in the header and click “Begin Search.” The system will return any data elements beginning with that word or phrase.

2. To find a **data element** where you know some part of the name:

From any page, go to the Advanced Search via the “Search” button in the header. Type the part of the name that you know into the “Component Name” box, select the radio button ‘Contains’ underneath, then click “Begin Search.” The system will return any data elements containing that word or phrase.

3. To find a **data element** by keyword:

From any page, go to the Advanced Search via the “Search” button in the header. Type the keyword into the “Definition” box, select the radio button ‘Contains’ underneath, then click “Begin Search.” The system will return any data elements with definitions containing that word **or phrase**.

4. To find **similar data elements** via the high-level model:

From any page, click on the header or footer button “Models”, click on NHIM, find a subject in the graphic that seems likely to be the type of element you hunting. Click on that part of the graphic; the system will bring up the next level of the model AND any data elements mapped to that level. Continue to drill down by clicking on another model view from this page that further limits the kinds of data elements returned by subject OR choose to look at the list from the alphabetic counts or All.

5. To find **data elements** by the same Organization:

From any page, click on the header or footer button “Organization”, find the Organization of interest via the letter wheel or the full list (All), click on the name of the Organization. The system will return any data elements registered by that Organization.

OR

From any page, go to the Advanced Search via the “Search” button in the header. Depending upon the relationship of the Organization to the data element

(Registration Authority, Responsible Organization, or Submitting Organization), select the Organization from the proper drop-down box, then click “Begin Search.” The system will return any data elements with the Organization of interest in the selected role.

6. To find **data elements** in the same Data Collection, Data Agreement or Initiative :

From any page, click on the header or footer button “Collections,” “Agreements” or “Initiatives.” Find the Data Collection, Agreement, or Initiative of interest via the letter wheel or the full list (All), then click on the name of the Collection, Agreement or Initiative. The system will return any data elements registered by that Collection, Agreement or Initiative.

How do I . . .

7. Compare data elements:

After finding data elements of interest as above, from any list check the box under “Matrix” next to the data elements to compare. Then click on “Run Matrix Report on Selected Items.” If the elements are on different pages of the list, click on “Add to Matrix Report Saved List” to start a running list of items to compare. The list is not cleared in between searches, so the user can keep adding items. Once all the items have been added to the list, click on “Run Matrix Report from Saved List.”

Common usage of the Comparison Matrix:

Harmonization: search by keyword, then run comparison matrix report for harmonization efforts.

Development: select all versions of same data element, then run comparison to see changes in specific information fields over time.

8. Examine data element usage:

From any page, click on More, Reports. Select “Show data element usage.” Using the letter wheel, select data elements to examine. Clicking on any data element from a list located in this way will generate a usage report. Click on specific items in the report to see details.

9. Search codesets/Value Domains:

To find all elements with a specific term in either a code or the meaning of a code, go to the Search (Advanced). Enter the term of interest in the appropriate field—Permissible Value for Code and Value Meaning for the meaning of the Code.

Example: If you want to find any HL7 codesets referring to “blood”, enter “blood” in the Value Meaning field and, up above, limit the search by Organization to HL7. The Search will return all HL7 data elements with the term blood in any value meaning in the codeset.

10. Correct an error I find:

Click on the “Feedback” icon at the bottom of any USHIK page. File the information into the database and an administrator will contact you.

If you are a representative of an SDO, apply for administrative rights and you may be able to edit the information yourself.

Quick-Start GuideQuick-Start Guide